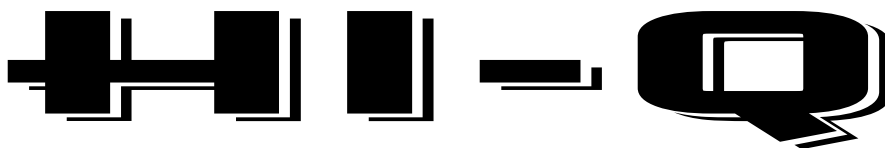




Journal of the Lakehead Amateur Radio Club



Thunder Bay, Ontario



Volume 87

March 2021

Issue 03

**LARC
March Meeting
via Zoom
Thursday, March 11
1900 hrs
*see you there!***



Special Event Station

...Eric Todd

Between June 1st and 8th, 2021, the League of Radio amateurs of Bogotá and the Los Libertadores University Foundation are scheduled to hold an operation event (diploma and contest) with three special call signs. (5K48LRB, 5J39FUL and 5J85FJR). I invite you to consult any of the three call signs on QRZ.com or visit the link <https://ligaradiobogota.wixsite.com/website> and share the information with the association or radio club in your country and your local group of fellow friends. Thanks a lot.

Javier Monroy - HK3EA



**Hi Guys here are a few pictures of one site we have to take a big shovel to when we visit
Thanks 73 Randy ve7crx**



**How would you like to dig out
this Repeater?**



LARC SENATE

Robert Hansen VE3RVA
Dave Kimpton VE3AVS
Laurie Bridgett VE3BCD
Terry Stewardson VA3LU
Ed Baumann VE3SNW

LARC EXECUTIVE

President: Randy Gottfred VA3OJ

VP: Bob Hansen VE3RVA

Treasurer: Karl Hamilton VE3RRP

Secretary: Karl Hamilton VE3RRP

Board Member: Ed Baumann VE3SNW

Board Member: Mark Vaillant VA3MVR

Board Member: Mike Skillen VE3EDX

Board Member: John Plumridge
VE3FMT

Board Member: Randy McAllister
VE3WBW

LARC Emergency Coordinator

Brad Harris VE3MXJ

ARES Amethyst District Emergency Coordinator

Warren Paulson, VE3FYN

CANWARN

VA3JMS John 767-3631

VE3RRP Karl

Public Service Events

VA3TBA Chris Chadwick

Accredited Examiners

VE3FAL Fred Lesnick 577-0789

flesnick@tbaytel.net

**VE3VAI Lori Bedford (807) 630-
7688 lbedford@tbaytel.net**

2021

ABOUT US

The Lakehead Amateur Radio Club (LARC) is an incorporated not for profit group of amateur radio operators in the Thunder Bay area that meet for self education, community service and fellowship. . Our postal address is 1100C Memorial Ave. Suite 184, Thunder Bay, Ontario P7B 4A3. This newsletter is published monthly except for July and August by Ed Baumann VE3SNW and questions and submissions may be emailed to hqnewsletter@gmail.com

Amethyst District ARES

**Providing emergency communications
for Northwestern Ontario**

Emergency Coordinators

Atikokan: Warren Paulson, VE3FYN (ARES DEC, Amethyst District)

Sioux Narrows: Woody Linton, VE3JJA

Fort Frances: Rod Davis, VE3RYD (ARES EC, Fort Frances & area)

Kenora: Chris Bigelow, VA3ECO (ARES EC, Kenora & area)

Dryden: Bob Ernewein, VE3YDN

Thunder Bay: Brad Harris, VE3MXJ (ARES EC, Thunder Bay)

Nets and Exercises

We conduct an open weekly HF net on 80 and 40 metres. The purpose of this net is to monitor regional propagation conditions, share information, and practice net procedures.

Time: Wednesdays at 1700 ET, 1600 CT

Note: 2200Z during standard time 2100Z during daylight saving time

Frequency: Primary 3.675 MHz LSB, Secondary 7.135 MHz LSB

<http://www.ve3rib.ca/nwoares.html>

ARES Zoom Meeting

2nd Tuesday Every Month 7 P.M

If interested contact Brad VE3MXJ (bradmharris@shaw.ca)

Or Lori VE3VAI (lbedford@tbaytel.net) to be added
to the email list to receive the Zoom Link.

LARC OPEN ACCESS REPEATERS

VE3YQT (Mount Baldy) 147.060 (-600)

VE3TBR (St. Joseph's) 146.820 pl 107.2

VE3BGA (Loch Lomond) 147.390, PL Tone 107

442.075 (+5 MHz) pl 100

144.390 APRS

Minutes for the**Lakehead Amateur Radio Club****Date: February 11, 2021 on Zoom****President, Randy Gottfred VA3OJ Presiding.****Guest Speaker:**

Lori Bedford VE3VAI winlink

Treasurer's Report: by Karl Hamilton VE3RRP

Karl Hamilton VE3RRP moves to accept the report as printed in Hi-Q. Second: Bob Hansen VE3RVA. Passed Unanimously.

Minutes of Previous Meeting:

Karl Hamilton VE3RRP moves to accept the previous meeting's minutes as printed in Hi-Q. Eric Todd VE3XET. Passed.

Old Business:**No Events due to Covid19****Public Service (Chris Chadwick VA3ZU public events coordinator)****Past Events:** none**Upcoming Events:** none (10 mile Road Race going virtual this year)**CANWARN (John Sacek VA3JMS)**
no news**Thunder Bay ARES: Brad Harris VE3MXJ, Thunder Bay EC**

ARES zoom meeting is monthly on Zoom

Weekly HF net Wednesdays 5 PM ET

Joint US/Canada Lake Superior Exercise May 12

Repeater News: Randy Gottfred VA3OJ, Terry Stewardson VA3LU

10 metre repeater (Will be 29.680 R, 29.580 Tx) on hold

VE3BGA repeater acting up, probably temperature related (cold)

Club Trailer: Bob Hansen VE3RVA

No news

LARC Revitalization: 20/20**Randy Gottfred, VA3OJ, Randy McAllister VE3WBW**

Revitalization Committee

Sister Club: Randy VA3OJ, Randy Miller VE7CRX:

Received info on a project in B.C. – distributed with Hi-Q.

Workshops on Zoom: Randy McAllister VE3WBW
No news**LARC Awards : Ed Baumann VE3SNW**

We had open discussion on achievement awards. Ed VE3SNW said he would print the awards as the club required. Need an organizer.

Breaker 19 Net: Randy Gottfred VA3OJ

Thursday 9 pm ET, Repeater VE3TBR

Door Knob!: Randy Gottfred VA3OJ

Lost track of the whereabouts.

New Business**LARC YouTube Video Page: Stephen Burns VE3SJB, Eric Todd VE3XET**

The idea is to post videos on an LARC Youtube page. Have a consistent club intro and extro on each video. Content will be what we are personally doing in ham radio – singly or as a group, including old photos or videos, or Even a recording of a zoom meeting of several hams discussing some part of ham radio. Interviews of members.

The aim is to keep it fun, entertaining and informative.

Currently looking for stills or videos that could be used in the intro/extros.

Post Submissions to:

<https://drive.google.com/drive/folders/1ETWJu95elvSAXikNPpKJ6Mc1VjyQGhX3>**Adjournment** moved by Brad Harris VE3MXJ**Next Executive Meeting: March 4, 2021, 7 PM, Zoom****Next LARC Meeting: March 11, 2021, 7 PM, Zoom**

Lakehead Amateur Radio Club

February 2021 Treasurers Report

Opening Balance February 1, 2021	<u>\$3,244.43</u>
Feb 25 6 memberships & 1 shirt	\$230.00
Donation	\$630.00
Total Income	<u>\$860.00</u>

Expenses

Total Expenses	<u>\$0.00</u>
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Closing Balance February 28, 2021	<u>\$4,104.43</u>
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<u>Trailer Account</u>	
	Previous Balance
	1228.46
<u>Income</u>	
Interest	\$0.00
Total	\$1,228.46
<u>Expenses</u>	
Total Expenses:	\$0.00
Balance in Trailer Account	<u>\$1,228.46</u>

Term Account

Opening Balance February 01, 2021	\$2,073.95
Interest	\$0.17
Closing Balance February 28, 2021	<u>\$2,074.12</u>

Karl Hamilton VE3RRP
Treasurer



Links of Interest

<https://eos.org/features/ham-radio-forms-a-planet-sized-space-weather-sensor-network>

<https://www.eham.net/article/43427>

<https://hamsci.org>

**submit your interesting internet links to
hqnewsletter@gmail.com**

**“ the trouble with quotes on the internet is
that it’s difficult to determine whether or
not they are genuine.”**

Abraham Lincoln

**New quantum receiver the first to detect
entire radio frequency spectrum**

A new quantum sensor can analyze the full spectrum of radio frequency and real-world signals, unleashing new potentials for communications and spectrum awareness.

Army researchers built the quantum sensor, which can sample the radio-frequency spectrum from zero frequency up to 20 GHz and detect AM and FM radio, Bluetooth, Wi-Fi and other communication signals.

The Rydberg sensor uses laser beams to create highly-excited Rydberg atoms directly above a microwave circuit, to boost and hone in on the portion of the spectrum being measured. The Rydberg atoms are sensitive to the circuit's voltage, enabling the device to be used as a sensitive probe for the wide range of signals in the RF spectrum.

-- full article at Southgate Radio News

The difference between stupidity and genius is that
genius has its limitations.
Albert Einstein

RAC Amateur of the Year 2020

The RAC Board of Directors takes great pleasure in selecting Al Penney, VO1NO, as the recipient of the RAC Amateur of the Year Award for 2020 in recognition of his tireless efforts to promote Amateur Radio in his home province of Newfoundland, throughout Canada and internationally.

Stay tuned to the March-April 2021 issue of The Canadian Amateur and the RAC website for complete information about our Amateur of the Year 2020 and the presentation of the award later this year.

For more information about the RAC Amateur of the Year Award visit:

<https://wp.rac.ca/rac-amateur-of-the-year/>

-- Glenn MacDonell, VE3XRA, RAC President and Chair

**The Canadian Amateur Radio Operating
Interests survey is now live!**

RAC is a volunteer-based organization and we rely on the feedback from members and non-members to help us stay informed and up to date on Amateur Radio matters of interest to them.

The current survey was prepared by Paul Coverdale, VE3ICV, RAC’s Special Advisor at World Radio Conferences, with the goal of “understanding the operating interests of Canadian Amateurs, in terms of what bands/modes are used, the amount of time spent, the operating focus, and so on”. This information will help to guide future RAC programs and the content of The Canadian Amateur magazine, as well as providing valuable input for formulating Canadian positions into World Radio Conferences.

Your answers on our surveys are completely anonymous but we would appreciate it if you would please indicate in the survey if you are a RAC member to help us to use the information to serve you better. Non-Canadian Amateurs may also participate in the survey, please identify this in Questions 1 and 7. The survey should take no more than 10 minutes to complete and it is available at:

<https://www.rac.ca/amateur-radio-surveys/>

Thank you for participating!

-- Glenn MacDonell, VE3XRA - RAC President

March 2021

Mon	Tue	Wed	Thu	Fri	Sat	Sun
1	2	3	4	5	6	7
8	9	10	11 LARC Meeting on Zoom at 1900	12	13	14
15	16	17	18	19	20 Vernal Equinox at 5:37 a.m	21
22	23	24	25	26	27	28
29	30	31	looking for contests? Try https://www.contestcalendar.com/contestcal.html			